DEC 0 5 2005

PTO/SB/21 (09-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ART & PADE aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Application Number 10/812.525 TRANSMITTAL Filing Date March 29, 2004 First Named Inventor **FORM** Stephen M. Trimberger Art Unit 2819 **Examiner Name** Vibol Tan (to be used for all correspondence after initial filing) Attorney Docket Number X-1006-2C US Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC 1 Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer Extension of Time Request below): Return Receipt Postcard Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name XILINX, INC. CUSTOMER NO, 24309 Signature Printed name Kim Kanzaki Reg. No. Date December 1/2005 37.652 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature

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Pat Tompkins

Typed or printed name

December 1, 2005

PATENT Conf. No.: 3296

IN THE UNITED STATES PATENT OFFICE

Applicant:

Stephen M. Trimberger

Assignee:

Xilinx, Inc.

Title:

DEC 0 5 2005

A Programmable Logic Device With Time-Multiplexed Interconnect

Serial No.:

10/812,525

File Date:

3/29/2004

Examiner:

Vibol Tan

Art Unit:

2819

Docket No.: X-1006-2C US

Conf. No.:

3296

Mail Stop AMENDMENT **COMMISSIONER FOR PATENTS** P.O. Box 1450 Alexandria, Virginia 22313-1450

RESPONSE TO THIRD OFFICE ACTION

Dear Sir:

In response to the Second Office Action mailed from the Patent Office on September 02, 2005, please replace/substitute the following claims as indicated.

Listing of the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.